Application No.: 10597998 Docket No.: 638001-07020

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Ian Graham

Application No.: 10/597,998 Confirmation No.: 8940

Filed: June 18, 2007 Art Unit: 1638

For: Desaturase Enzymes Examiner: Unassigned

## RESPONSE TO OFFICE ACTION

MS Office Action Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated April 28, 2010, please amend the above-identified U.S. patent application as follows:

Amendment to the Claims begins on page 2 of this paper.

Remarks begins on Page 5 of this paper.